

**MPC Gavleston Bay Refinery
Contractor Electronic Device Approval Form**

ANSI Section #	ANSI/ISA-12.12.03-2011 "PEP 2" Requirements Applicable to Case	Does the Iphone in a LifeProof Case meet the intent of ANSI/ISA-12.12.03-2011 "PEP 2" ?	Do iPhone (Model #) Specifications Meet Requirement?
6.1(b)	Radio frequency energy transmission limited in accordance with 8.3.		
6.1(c)	No provisions for forced ventilation.		
6.1(d)	No sparks visible in normal operation.		
6.1(e)	No excessive temperatures in normal operation (> 60°C or 140°F).		
6.1(f)	No camera flash unless it can be disabled.		
6.1(g)	No motors unless it can be demonstrated the motor incorporates non-arcing technology.		
6.3(c)	Body-worn or hand-held.		
6.3(a)	Powered by one or more cells, batteries, or photovoltaic cells.		
6.3(f)	Power switch in accordance with 8.2 (no power on-off switch with contacts that directly interrupt battery current).		
6.1(h)	No visible damage.		
6.3(b)	Cell or battery secured so it will not fall out in the drop test as described of 8.1 (2 meter drop).		
6.3(e)	Exposed terminals (for example battery charging terminals) are either recessed or diode protected to prevent a discharge caused by an accidental shorting of these terminals.		
6.3(g)	No damage that exposes the electrical/electronic circuitry as a result of the drop test described in 8.1 (2 meter drop).		
ANSI Section #	ANSI/ISA-12.12.03-2011 Other "PEP 2" Requirements	Does the Iphone in a LifeProof Case meet the intent of ANSI/ISA-12.12.03-2011 "PEP 2" ?	How will we meet these specifications?
6.1(a)	There must be no available listed apparatus suitable for the area classification and capable of performing the intended function (see section 4.12 definition of "listed").		
	OSHA defines "listed" in 1910.399 as "of a kind mentioned in a list that is published by a nationally recognized laboratory that makes periodic inspection of the production of such equipment, and states that such equipment meets nationally recognized standards or has been tested and found safe for use in a specified manner."		
	Annex B of the ANSI standard, "Potential suitability of selected examples of portable products for use in hazardous (classified) location" does not include cell phones in the "available listed" category, indicating cell phones likely pass the 6.1(a) requirement.		
6.3(d)	No external electrical connections or wired accessories are used in the hazardous (classified) location.		
7.1	A process of administrative control and training is necessary to ensure that portable products do not present an unacceptable risk of ignition when used in hazardous classified areas.		
7.2	The owner/operator of the hazardous (classified) location should establish a process of inspection in which a qualified person establishes that particular products can be accepted as PEP 2.		
7.2	Supporting documentation for PEP evaluations should be maintained for the life of the use of those products. The documentation should include information for the products such as reference number or code, product manufacturer and model, owner name, approver name, and date approved or equivalent information.		
9	Accepted PEP 2 products should be marked as "PEP 2, evaluating company name, supporting documentation reference number."		

The undersigned contractor represents and warrants that the Contractor Issued Electronic Device presented for approval complies with all ANSI/ISA-12.12.03-2011 "PEP 2" requirements and that the MPC owning department manager has authorized use of the Contractor Issued Electronic Device in the refinery for a legitimate business purpose.

Contractor Name: _____

Company Name: _____

Title: _____

Date: _____

Approved By:

MPC Department Manager: _____

Date: _____

MPC Safety Supervisor: _____

Date: _____